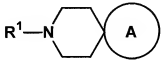
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A spiro-piperidine compound represented by formula (I):



(I)

wherein R^1 represents hydrogen, an aliphatic hydrocarbon group which may have a substituent(s) or a cyclic group which may have a substituent(s); and

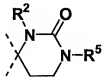
ring A represents a tetrahydropyrimidin-2-(1H)-one group which may have a substituent(s), in which 2,5-diketopiperazine having a spiro bond at the 3-position is excluded,

a salt thereof~~, an N-oxide thereof,~~ or a quaternary ammonium salt thereof ~~or a solvate thereof, or a prodrug thereof,~~ provided that 9-benzyl-1,3-dimethyl-1,3,9-triazospiro[5.5]undecan-2-one; 1,3-dimethyl-1,3,9-triazaspiro[5.5]undecan-2-one; 9-benzyl-1-methyl-1,3,9-triazospiro[5.5]undecan-2-one; and 1-methyl-1,3,9-triazaspiro[5.5]undecan-2-one are excluded.

2. (canceled).

3. (canceled).

4. (currently amended) The spiro-piperidine compound according to claim 1, wherein the ring A is represented by



wherein R^2 and R^5 each independently represents hydrogen, an aliphatic hydrocarbon group which may have a substituent(s), hydroxyl which may be protected, carboxy which may be protected, carbamoyl which may be protected, or a cyclic group which may have a substituent(s),

a salt thereof, ~~an N-oxide thereof,~~ or a quaternary ammonium salt thereof ~~or a solvate thereof, or a prodrug thereof~~.

5. (canceled).

6. (canceled).

7. (currently amended): The spiro-piperidine compound according to claim 1, wherein R^1 is a C1-10 aliphatic hydrocarbon group which may have a substituent(s), a salt thereof~~, an N-oxide thereof~~,or a quaternary ammonium salt thereof ~~or a solvate thereof, or a prodrug thereof~~.

8. (currently amended): The spiro-piperidine compound according to claim 1, wherein R^1 is a 5- to 10-membered monocyclic or bicyclic cyclic group which may have a substituent(s),a salt thereof~~, an N-oxide thereof~~,or a quaternary ammonium salt thereof ~~or a solvate thereof, or a prodrug thereof~~.

9. (currently amended): The spiro-piperidine compound according to claim 1, wherein R^1 is alkyl having from 1 to 6 carbon atoms substituted with a 3- to 10-membered monocyclic or bicyclic cyclic group which may have a substituent(s), a salt thereof~~, an N-oxide thereof~~,or a quaternary ammonium salt thereof ~~or a solvate thereof, or a prodrug thereof~~.

10. (withdrawn-currently amended) A pharmaceutical composition which comprises the spiro-piperidine compound according to claim 1, a salt thereof~~, an N-oxide thereof~~,or a quaternary ammonium salt thereof ~~or a solvate thereof, or a prodrug thereof~~, and a pharmaceutically acceptable carrier or diluent.

11. (canceled).

12. (canceled).

13. (canceled).

14. (canceled).

15. (canceled).

16. (canceled).

17. (canceled).

18. (canceled).

19. (withdrawn-currently amended) A method for treating diseases selected from the group consisting of asthma, nepohritis, nephropathy, hepatitis, arthritis, rheumatoid arthritis, rhinitis, conjunctivitis, ulcerative colitis, rejection in organ transplantation, immunosuppression, psoriasis, multiple sclerosis, infection with human immunodeficiency virus , atopic dermatitis, uticaria, allergic bronchopulmonary aspergillosis, allergic eosinophilic gastroenteritis, ischemic reperfusion injury, acute respiratory distress syndrome, shock accompanying bacterial infection, diabetes mellitus, cancer metastasis and arteriosclerosis, which comprises administering to a mammal an effective amount of the spiro-piperidine compound according to claim 1, a salt thereof~~, an N-oxide thereof~~,or a quaternary ammonium salt thereof~~ or a solvate thereof, or a prodrug thereof~~.

20. (canceled).

21. (previously presented): The spiro-piperidine compound according to claim 1 , wherein R^2 is an aliphatic hydrocarbon group which may have a substituent(s) in which the aliphatic hydrocarbon group is selected from the group consisting of ethyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, pentyl, hexyl, heptyl, octyl, C2-8 alkenyl and C2-8 alkynyl.